

REMARKS

Reconsideration of this application, as amended, is now being requested. Claims 1-16 are now in this application. Claims 1 and 11 have been amended.

Claims 1-4 and 10-16 were rejected under 35 U.S.C. §102(b) as being anticipated by Camp, Jr. (US Patent number 6,084,544). Specifically, the office action alleges that Camp teaches performing failure detection using the selected ranging instruments associated with the first and second ranging sources. The office action cites Fig. 1, abstract and column 2, line 61 through column 3, line 6 of Camp as support thereof. Applicant respectfully disagrees. Camp does not teach, disclose or otherwise suggest performing failure detection using selected ranging measurements associated with at least two ranging sources. Camp teaches selecting a trial time for use in calculating a presumed location of a receiver using at least four satellites. Ranges based on the presumed location are then measured for two satellites at a receiver. A comparison is made between the range measurements. If the ranges are unequal, then the presumed location is incorrect, and a new trial time is selected and the method is repeated. In summary, what Camp teaches is a method for determining a location of the receiver. By contrast, the present invention does not involve determining the actual location of the receiver. Instead, the present invention focuses on the integrity of ranging sources, i.e., whether the ranging sources are operating properly. Claims and 11 have been amended to more clearly state this point. In particular, claim 1 has been amended to include the limitation of determining “whether either of the first or second ranging sources failed”, and claim 11 has been amended to include the limitation of determining “whether any of the ranging sources failed.” Support for these limitations can be found, for example, at page 9, lines 9-16. Accordingly, it is felt that claims 1 and 11 is patentable under 35 U.S.C. §102(b) over Camp.

Claims 2-4, 10 and 12-16 depend upon, and include all the limitations of, claims 1 or 11. Accordingly, it is felt that claims 2-4, 10 and 12-16 are patentable under 35 U.S.C. §102(b) over Camp.

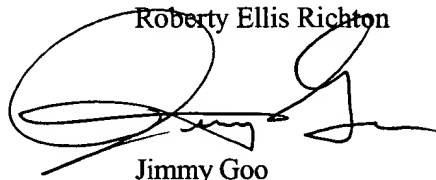
Claims 5-9 were rejected under 35 U.S.C. §103(a) as being unpatentable over Camp in view of Vayanos (US Patent number 6,420,999). Applicant respectfully disagrees. Camp nor Vayanos, alone or in combination, teach, disclose or otherwise suggest all the limitations of claims 5-9. For the reasons discussed earlier, it is felt that Camp does not teach, disclose or otherwise suggest performing failure detection using selected ranging measurements associated

with at least two ranging sources, as alleged by the office action. Accordingly, it is felt that claims 5-9 are patentable under 35 U.S.C. §103(a) over Camp in view of Vayanos.

Respectfully submitted,

Ren Da

Roberty Ellis Richton

A handwritten signature in black ink, appearing to read "Jimmy Goo", is written over the printed name "Jimmy Goo". The signature is stylized with a large loop at the beginning and a long horizontal stroke.

Jimmy Goo

Reg. No. 36,528

Date: 10 August 2004